

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
all	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						0
1986						0
1987						0
1988						0
1989						0
1990						0
1991						0
1992						0
1993						0
1994						0
1995						0
1996		975	248	13	1236	
1997		1561	113	3	1677	
1998		1791	112	10	1913	
1999		2329	14	1	2344	
2000		2925	13	2	2940	
2001		3247	7	0	3254	
2002		2827	6	0	2833	
2003		3024	2	4	3030	
2004		2419	3	0	2422	
2005		2242	0	0	2242	
2006		1772	0	1	1773	
2007		1345	1	0	1346	
2008		742	1	1	744	
2009		485	0	0	485	
2010		290	0	0	290	
2011		404	0	0	404	
2012		201	0	0	201	
2013		201	0	0	201	
2014		201	0	0	201	
2015		27	0	0	27	
TOTALS		29008	520	35	29563	

Note: "H" data already corrected for "C" tests.

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
P	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						0
1990						0
1991						0
1992						0
1993						0
1994						0
1995						0
1996			568	189	13	770
1997			880	81	2	963
1998			1137	105	10	1252
1999			1429	8	1	1438
2000			1717	7	0	1724
2001			1755	4	0	1759
2002			1521	0	0	1521
2003			1516	1	4	1521
2004			1177	2	0	1179
2005			1016	0	0	1016
2006			985	0	1	986
2007			698	1	0	699
2008			426	0	1	427
2009			485	0	0	485
2010			171	0	0	171
2011			404	0	0	404
2012			142	0	0	142
2013			142	0	0	142
2014			142	0	0	142
2015			13	0	0	13
TOTALS			16324	398	32	16754

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T1	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						0
1996		306	59	0	365	
1997		503	25	0	528	
1998		467	4	0	471	
1999		642	5	0	647	
2000		911	3	1	915	
2001		1118	3	0	1121	
2002		928	3	0	931	
2003		976	1	0	977	
2004		780	1	0	781	
2005		797	0	0	797	
2006		466	0	0	466	
2007		362	0	0	362	
2008		147	1	0	148	
2009		485	0	0	485	
2010		70	0	0	70	
2011		404	0	0	404	
2012		32	0	0	32	
2013		32	0	0	32	
2014		32	0	0	32	
2015		10	0	0	10	
TOTALS		9468	105	1	9574	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T2	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			99	0	0	99
1997			153	7	0	160
1998			172	3	0	175
1999			241	1	0	242
2000			269	3	1	273
2001			340	0	0	340
2002			339	3	0	342
2003			465	0	0	465
2004			432	0	0	432
2005			365	0	0	365
2006			270	0	0	270
2007			215	0	0	215
2008			154	0	0	154
2009			485	0	0	485
2010			35	0	0	35
2011			404	0	0	404
2012			22	0	0	22
2013			22	0	0	22
2014			22	0	0	22
2015			4	0	0	4
TOTALS			4508	17	1	4526

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
H	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					% of Initial Tests
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			2	0	0	2
1997			25	0	1	26
1998			15	0	0	15
1999			17	0	0	17
2000			28	0	0	28
2001			34	0	0	34
2002			39	0	0	39
2003			67	0	0	67
2004			30	0	0	30
2005			64	0	0	64
2006			51	0	0	51
2007			70	0	0	70
2008			15	0	0	15
2009			485	0	0	485
2010			14	0	0	14
2011			404	0	0	404
2012			5	0	0	5
2013			5	0	0	5
2014			5	0	0	5
2015			0	0	0	0
TOTALS			1375	0	1	1376

Note: "H" data already corrected for "C" tests.

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
all	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996		7.3%	20.1%	7.2%	8.3%	
1997		8.6%	23.8%	23.1%	9.0%	
1998		7.0%	16.0%	13.0%	7.2%	
1999		8.1%	35.0%	33.3%	8.2%	
2000		6.7%	40.6%	100.0%	6.8%	
2001		8.6%	26.9%	#DIV/0!	8.6%	
2002		5.2%	75.0%	0.0%	5.2%	
2003		6.2%	25.0%	200.0%	6.2%	
2004		3.5%	300.0%	0.0%	3.5%	
2005		4.1%	0.0%	0.0%	4.1%	
2006		2.4%	0.0%	100.0%	2.4%	
2007		2.3%	100.0%	0.0%	2.3%	
2008		1.0%	100.0%	#DIV/0!	1.0%	
2009		1.1%	0.0%	0.0%	1.1%	
2010		0.4%	#DIV/0!	#DIV/0!	0.4%	
2012		1.0%	#DIV/0!	#DIV/0!	1.0%	
2012		1.8%	#DIV/0!	#DIV/0!	1.8%	
2013		1.8%	#DIV/0!	#DIV/0!	1.8%	
2014		1.8%	#DIV/0!	#DIV/0!	1.8%	
2015		5.4%	#DIV/0!	#DIV/0!	5.4%	
TOTALS		3.8%	20.6%	12.0%	3.81%	

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
P	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
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1982						
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1985						
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1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			6.6%	19.8%		7.9%
1997			7.9%	19.6%		8.3%
1998			7.3%	15.6%		7.7%
1999			8.2%	42.1%		8.2%
2000			6.7%	46.7%		6.7%
2001			7.9%	20.0%		7.9%
2002			5.1%	0.0%		5.1%
2003			5.5%	25.0%		5.5%
2004			3.5%	200.0%		3.5%
2005			3.6%	0.0%		3.6%
2006			2.5%	0.0%		2.5%
2007			2.1%	100.0%		2.1%
2008			1.1%	0.0%		1.1%
2009			1.7%	0.0%		1.7%
2010			0.4%	#DIV/0!		0.4%
2012			1.8%	#DIV/0!		1.8%
2012			2.0%	#DIV/0!		2.0%
2013			2.0%	#DIV/0!		2.0%
2014			2.0%	#DIV/0!		2.0%
2015			4.1%	#DIV/0!		4.1%
TOTALS			3.8%	18.8%		3.8%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T1	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
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1983						
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1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			8.3%	21.2%		9.2%
1997			9.2%	45.5%		9.6%
1998			5.9%	28.6%		6.0%
1999			8.1%	45.5%		8.1%
2000			6.8%	27.3%		6.8%
2001			9.7%	75.0%		9.7%
2002			5.1%	150.0%		5.1%
2003			6.5%	100.0%		6.5%
2004			3.1%	#DIV/0!		3.1%
2005			4.3%	0.0%		4.3%
2006			1.9%	0.0%		1.9%
2007			2.1%	#DIV/0!		2.1%
2008			0.8%	#DIV/0!		0.8%
2009			5.1%	0.0%		5.1%
2010			0.3%	#DIV/0!		0.3%
2012			3.5%	#DIV/0!		3.5%
2012			1.4%	#DIV/0!		1.4%
2013			1.4%	#DIV/0!		1.4%
2014			1.4%	#DIV/0!		1.4%
2015			8.3%	#DIV/0!		8.3%
TOTALS			4.1%	27.7%	7.1%	4.1%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
T2	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
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1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			9.1%			9.1%
1997			10.5%			10.9%
1998			8.5%			8.6%
1999			7.8%			7.8%
2000			6.7%			6.8%
2001			9.0%			9.0%
2002			5.8%			5.9%
2003			7.7%			7.7%
2004			4.2%			4.2%
2005			5.4%			5.4%
2006			2.8%			2.8%
2007			2.8%			2.8%
2008			1.3%			1.3%
2009			10.9%			10.9%
2010			0.4%			0.4%
2012			5.9%			5.9%
2012			1.2%			1.2%
2013			1.2%			1.2%
2014			1.2%			1.2%
2015			6.5%			6.5%
TOTALS			4.7%	47.2%		4.7%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test

(a)(2)(xii) Failing the on-board diagnostic check						(a)(2)(i) Fail Initial.xlsx
H	linked to : 2013 (a)(1) Number of Vehicles Per Test Type.xls					
MY	2013					
	A ASM	T TSI	O OBD	B OBD+A	C OBD+T	Total
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992						
1993						
1994						
1995						
1996			2.7%		#DIV/0!	2.7%
1997			22.7%		100.0%	23.4%
1998			12.2%		#DIV/0!	12.2%
1999			8.8%		#DIV/0!	8.8%
2000			9.5%		0.0%	9.5%
2001			12.8%		#DIV/0!	12.8%
2002			11.8%		0.0%	11.7%
2003			14.1%		#DIV/0!	14.1%
2004			3.0%		#DIV/0!	3.0%
2005			6.7%		#DIV/0!	6.7%
2006			2.9%		#DIV/0!	2.9%
2007			9.0%		#DIV/0!	9.0%
2008			1.3%		#DIV/0!	1.3%
2009			105.9%		#DIV/0!	105.9%
2010			1.5%		#DIV/0!	1.5%
2012			56.3%		#DIV/0!	56.3%
2012			2.6%		#DIV/0!	2.6%
2013			2.6%		#DIV/0!	2.6%
2014			2.6%		#DIV/0!	2.6%
2015			#DIV/0!		#DIV/0!	#DIV/0!
TOTALS			14.1%		2.0%	14.0%

Note: "B" and "C" failures could have failed for either OBD or tailpipe test